# BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2011 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

Public Water Supply Name

	List PWS ID #s for all Water Systems Covered by this CCK
must be	deral Safe Drinking Water Act requires each <i>community</i> public water system to develop and distribute a consumer nce report (CCR) to its customers each year. Depending on the population served by the public water system, this CCR mailed to the customers, published in a newspaper of local circulation, or provided to the customers upon request.
Please 2	Answer the Following Questions Regarding the Consumer Confidence Report
	Customers were informed of availability of CCR by: (Attach copy of publication, water bill or other)
	Advertisement in local paper  On water bills Other
	Date customers were informed: 5 BH 12
	CCR was distributed by mail or other direct delivery. Specify other direct delivery methods:
	Date Mailed/Distributed:/_/
X	CCR was published in local newspaper. (Attach copy of published CCR or proof of publication)  Name of Newspaper: County Joral
	Date Published: 5 194112
	CCR was posted in public places. (Attach list of locations)
	Date Posted: / /
	CCR was posted on a publicly accessible internet site at the address: www
CERT	IFICATION
the for consist Depart	by certify that a consumer confidence report (CCR) has been distributed to the customers of this public water system in and manner identified above. I further certify that the information included in this CCR is true and correct and is tent with the water quality monitoring data provided to the public water system officials by the Mississippi States are the content of Health, Bureau of Public Water Supply.
Name	Oegl Hilmon Juge Loper 6-1-12  Title (President, Mayor, Owner, etc.)
	Mail Completed Form to: Bureau of Public Water Supply/P.O. Box 1700/Jackson, MS 39215 Phone: 601-576-7518

### 2012 MAY 15 PM 5: 01

#### 2011 Armual Drinking Water Quality Report South Holmes Water Association PWS#: 0260014 & 0260021

May 2012

We're pleased to present to you this years. Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from wells drawing from the Coedield Aguifer.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the South Holmes Water Association have received lower to moderate susceptibility rankings to contamination.

If you have any questions about this report or concerning your water utility, please contact Doyle Gilmore at 662.834.1712. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the second Tuesday of each month at 6:00 PM at the Board of Supervisor's Building.

We routinely monitor for constituents in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2011. In cases where monitoring wasn't required in 2011, the table reflects the most recent results. As water gravels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pessicides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) — The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) — The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per million (ppm) or Milligrams per lifer (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

PWS #: 02	60014			TEST RESU	LTS				
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure -ment	MCLG	MCL.	Likely Source of Contamination	
Microbiolo  1. Total Coliform	gical Co	ntamin April	.,	. 1	NA	0		nce of coliform	Naturally present
Bacteria							bacteria in 5% of   in monthly samples		in the environment
Inorganic (	Contam	inants							
10. Barium	N	2008*	.002	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits	
		00001	.572	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits	
13. Chromium	N	2008*	.572	140 Mange	1			erosion of natur	al deposits

		1			j		isaching from wood preservatives			
17. Lead	N	2009/1	2	0	ppb	0	AL=15 Corrosion of household plumbing systems, erosion of natural deposits			
Disinfection By-Products										
Chlorine	IN	2011	1.40	.8 - 2.52	maa	0 MR	DL = 4 Water additive used to control microbes			

PWS#: 026	0021	P 14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TEST RESULTS						
Contaminant	Violation Y/N	Dats Collec ∋d	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure -ment	MCLG	MC	Likely Source	of Contamination
Microbiolo	gical Co	ontamina	ants						
Total Coliform     Bacteria	Y	September	Monitoring		NA	0	presence of coliform bacteria in 5% of monthly samples		Naturally present in the environment
Inorganic (	Coutam	inant							
10. Barium	N	2008*	.004	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits	
13. Chromium	N	2008*	.77	No Range	ppb	100	:00	Discharge from steel and pulp mills; erosion of natural deposits	
14. Copper	N	2011	.1	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives	
Disinfection	ı By-Pr	oducis	Commence and the second						
Chlorine	N 2	2011   1	] .5	1.9   ppm		0 MR	DL = 4 \ W	ater additive used	to control microbes

<sup>\*</sup> Most recent sample. No sample required for 2011.

Microbiological Contaminants:

(1) Total Coliform. Coliforms are bacteria that are naturally present in the environment and are used as an indicator that order, potentially-harmful, bacteria may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems.

We are required to monitor your drinking states for specific constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. As you can see by the table, our system had no violations, however, in April 2011 on system #260014, we took 1 sample for coliform bacteria, if showed the presence of coliform bacteria. The standard is that no more than 1 sample per month of our samples may do so. All additional samples did not show presence of coliform bacteria.

If present, elevated levels of lead can cause serious head problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.spa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hedline 1-800-426-4791.

#### \*\*\*\*\*\*A MESSAGE FROM MSDH CONCERNING RADIOLOGICAL SAMPLING\*\*\*\*\*\*

In accordance with the Radionuclides Rue, all community public water supplies were requires to sample quarterly for radionuclides beginning January 2007 – December 2007. Your public water supply completed sampling by the scheduled deadline; however, during an audit of the Mississippi State Department of Health Radiological health laboratory, the Environmental Protection Agency (EPA) suspended analyses and reporting of radiological compliance samples and results until further notice. Although this was not the result of inaction by the public water supply, MSDH was required to issue a violation. This is to notify you that as of this date, your water system # 260014 has not completed the monitoring requirements, however your water system # 260021 has completed the monitoring requirements and is now in compliance with the Radionuclides Rule. The Bureau of Public Water Supply has taken action to ensure that your water system be returned to compliance by March 31, 2013. If you have any questions, please contact Melissa Parker, Deputy Director, Bureau of Public Water Supply, at 601.576.7518.

The South Holmes Water Association works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

# **PROOF OF PUBLICATION**

2012 JUN -8 AM 9: 01

## **HOLMES COUNTY HERALD**

LEXINGTON, MISSISSIPPI

Personally appeared before me, the undersigned authority, Chancery Clerk of said County and State,

### STATE OF MISSISSIPPI, HOLMES COUNTY

Bruce Hill, publisher of a public newspaper of	called the Holmes County Herald established in 1959 and
	I County and State, who, being duly sworn, deposed and
said that the notice, of which a true copy	Is 5 We are required to monitor your direking water for specific contilization on a monthly basis. Results of register monitors under the property of the fails, our operation between their or indirection, however, in we took it sample for colleton bacteria, it showed the presence of collifon bacteria. The standard is that no more transfer may do so. All additional samples and for of theory personnel or colleton.
times, as follows, to wit:	servotes may do so. All additional samples did not allow presence of colorom bacteria.  If present, obviotabl levels of load can cause scribos health problems, especially for pregnant women and young chiprimity from naterials and components associated with service lines and home plumbing. Our Wester Association quality driving values, but carried control control and eventy of miscratism seed for plumbing components. When you waster has be
2011 Armual Drinking Water Quality Report South Holmes Water Association PWS#: 0260014 & 0280021	If present, deviated levels of lead care cause services hould problems, especially for programs women and years, of primary from matchina and components associated with services these and Donn granthing, Cur Wilder Association quality distingly water, but carried control the waterly of instantials used in planning components. When your water has be can minimize the potential for lead exposure by flushing your type for 20 seconds 20 crimitate listential using water to concerned about bed in your water, you may which to have your water based. Information on lead to drinking water, too took to minimize exposure is available from the Sale Drinking Water Foldor or at Parkinway exposurementment. To of instalt Public Feelth Laboratory offices lead teeting. Please contact 601.79.77.792 it you will be taked As source of drinking water are adulted from four four-field confirmation by water faces that we entainly counting or main re-
등 가는 하다는 사람들은 이 생각을 하고 있다면 하는 사람들이 <b>May 2012</b> 을 보다는 것이다. 하는 사람들이 살아가는 것이다. 그는 사람들이 다른 사람들이 되었다면 하는 것이다.	All sources of diriking water are subject to potential contamination by substances that are naturally occurring or main microtives, recipient or organic obtainable and relatives substances. All diriking valies, including bottled water, for at least small amounts of owner contaminants. The presence of contaminants does not measurably disclose that the information about contaminants and potential health effects can be obtained by calling the Environmental Protection Hotine of 400-042-041 and of the contaminants and potential health effects can be obtained by calling the Environmental Protection.
We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goes in to provide you with a safe and dependable supply of directing water. We want you to understand the inflicts we make to continuely improve the water freatment provides and protect our vester resources. We are committed to ensuring the quality of your reader. Our water source is from wester developing from the Coddfield Aquifer.	HOUSE ET -000-420-4791.
The outer water assessment has been completed for our public water system to determine the owneral assorption of as divising water supply to described obtained, sources of contentiation. A report contenting detailed information on flow the succeptibility demindrations were made has been furnished to our public valeir system and is available for viewing upon request. This waits for the South Folimes Water Association have recolved based to moderne succeptibility enhaling to contamination.	Some people may be more valuratable to contaminants is delikting water from the general population. Immore-comparative concer underspring chemotherapy, persons who have indepense capes transprints, people with WAUADS or a some eticity, and infants can be particularly of the time infections. These people should seek advice about driving provident. EPA/CDC galaxies can appropriate means to lessen the risk of infection by cryptosportation and other manables from the Sale Direkting Water Hollins + 900-426-4761.
If you have any questions about this report or concerning your water utility, please contact Dayle Ollmore at 922.834.1712. We want our valued customers to be informed about their water utility. If you want to seen more, please dated any of our regularly acheduled meetings. They are held on the second Trusty's death mortal of 2007 Met at the Second Ollowship of each mortal of 2007 Met at the Second Ollowship.	***** A BESSAGE FROM MISCH CONCERNMENT RANDOLOGICAL SAMPLING**** In accordance with the Radionacidate Rate, all community public water supplies user registers to sample quantity for 2007 — December 2007. Your public water supply completed sampling by the scheduled deadline; however, during a December of the With Radionacia beauth scheduled with Environment of Health Radionacia beauth scheduled.
the second Treastay of each month at EXID PM at the Exident of Supramerate Sources, When restoring months for for contributions is your distingly water according to Federal and State laws. This table between the Exident State laws is the Exident State laws. This table between the Exident State laws is the Exident State laws. The Exident State laws is the Exident State laws in the Exidence of the for contributions. In cases where metaboding wearst required in 2011, the laws in the Exidence State In the Exidence In the Exidence State In the Exidence In the	"A MESSAGE FOOD 850H CONCESTMENT GRANDLESS AND
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contaminants, such as salts and medias, which cam be naturally occurring or result from urban storm-water fundor, advances, or commission, or describes, which cam be naturally occurring or result from urban storm-water under a variety of socrets such as agriculture, urban discharges, oil and pas production, mining, or famming, posticides and herbicides, which may come from a variety of socrets such as agriculture, urban storm-water runoff, and residential uses; organic chemicals which are by-products of storm-water runoff, and residential uses; organic chemicals contaminants, including synthetic and votefile organic chemicals, which are by-products of	The South Holmes Water Association works around the clock to provide top quality water to every tap. We sak that a our water sources, which are the heart of our community, our way of site and our children's future.
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may be resourchly expected to contain at least small amounts of some consociations can be necessarily described that the water poses a health risk.  In this table you will find county terms and abbreviations you might not be familiar with. To help you before understand these terms we've provided the	TO THE WAY IN
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Administration Contaminant Level Good (MCLG) - The "Goat"(MCLG) is the level of a contaminant in directing water below which there is no known or dependent risk to health. MCLGs allow for a margin of safety.	
Meximum Residual Distributors Level (APDL) — The highest level of a distributant adowed in distributing water. There is commonly evidence that addition of a distributant is necessary for control microbial contaminants.	Vol. 54, No
Maximum Residual Districtions Level Gold (MROLG) — The level of a drinking water districtions below which there is no known or expected risk of health. MRDLCs do not reflect the benefits of the use of districtions to control microbial conforminants.	$\overline{\mathcal{O}}$
Parts per million (ppm) or Miligrams per liter (mgf) - one part per million corresponds to one minute in two years or a single perny in \$10,000.	day of 11144
Perts per billion (gob) or Microgramm per liter - one part per billion consporate to one inhante in 2,000 years, or a single powery in \$10,000,000.  PWS #: 0260014 TRST RESULTS  Contaminant Violation Date Level Range of Detects or Unit MCLG MCL Litely Source of Contaminants on Contaminants or Contamin	W. I. No.
Contaminant   Visibility   Date   Level   Le	Vol, No
Microbiological Contaminants  1. Total Coliform   N   April   Positive   1   NA   0   presence of coliform   Maturally present   1   NA   0   presence of coliform   Maturally present   1   NA   0   presence of coliform   1   NA   0   presence of	day of
Bacteria monthly samples	Vol, No
Inorganic Contaminants   10. Briston   No. Plantge   ppm   2   2   Discharge of differy waters discharge from make inference contact of ontines   ppm   2   2   Discharge of differy waters discharge from make inference contact of ontines   ppm   2   2   2   Discharge of differy waters discharge from make inference contact of ontines   ppm   2   2   2   2   Discharge of differy waters discharge from make inference contact of ontines   ppm   2   2   2   2   Discharge of differy waters discharge from make inference contact of ontines   ppm   2   2   2   2   Discharge of differy waters discharge from make inference contact of ontines   ppm   2   2   2   Discharge of differy waters discharge from make inference contact of ontines   ppm   2   2   2   Discharge of differy waters discharge from make inference contact of ontines   ppm   2   2   2   Discharge of differy waters discharge from make inference contact of ontines   ppm   2   2   2   Discharge of differy waters discharge from make inference contact of ontines   ppm   2   2   2   Discharge of differy waters discharge from make inference contact of ontines   ppm   2   2   2   2   2   Discharge of differy waters discharge from make inference contact of ontines   ppm   2   2   2   2   2   2   2   2   2	VOI, NO
13. Chromium N 2008* 572 No Range pob 100 100 Discharge from sized and pulp mills, explained related species.	day of
	day or
Disinfaction Ry-Products	Vol, No
Chorine N 2011 1.40 8-2.52 ppm 0 MFDL-4 Wear addition and to control microbes	
PWS#: 0260021 TEST RESULTS  Constmittent   Volation   Date   Level   Range of Detects or   Unit   MCLG   MCL   Likely Source of Contemination	day of
Contaminant Volution Dufe Level Range of Detects or Unit MULTS WILL Detected Y/N Collected Detected Exceeding Exceeding MCLMCLmint MCLMCL .	
Microbiological Contaminants	Vol, No
1. Total Collisions Y September Monitoring NA. 0 presence of collisions Naturally present in 15% of in the environment	dov.of
Incorporate Confaminants	day of
10. Bisfum N 2006* .004 No Range ppm 2 2 5 Commission and distance, crossion of calendar disposes	Λ
13. Chromhum   N   2005"   77   No Flange   500   100   100   Electrogic floor files (entire of transfer of the control of the control of transfer of the control of transfer of the control of the con	/zue
That Sadian Dr. Dendingto	Publisher
Chlorine N 2011 1 5-19 perit 0 mean. "  * Most recent sample. No sample required for 2011.	ruonsnei
Microdisopheal Consumments:  (1) Their Collines are besteris that are saturally present in the environment and are used as an indicator that other, potentially-homeful, besteris may be present. Colliness were found in more samples than allowed and this was a watering of potential problems.	Witness my hand and seal at Lexington

has taken action to ensure that your water a a Parker, Deputy Director, Bureau of Public Wi	ystem be returned to complianter Supply, at 801.576.7518.	gos by March 31, 2013. If y	su have any questions, ples	se contact
outh Holmes Water Association works around the sources, which are the heart of our commu	the clock to provide top qualit nity, our way of life and our chil		that all our customers help	
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Lexington,

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Chancery Clerk